Notebook, N-90-02-15

This notebook, which is a continuation of N-88-01-30, covers the period February 1890-May 1892. There are also a few entries from 1893-1895. The book was used by unidentified employees as a sign-out book for items borrowed from Edison's library. There are also notes regarding library acquisitions. The book contains 200 numbered pages.

Blank pages not filmed: 25-99, 110-189, 194-200.

Missing page numbers: 21-24.

THOS. A. EDISON,
ORANGE, N. J.
Thos. A. Edison,

3787

List of Books borrowed
from
Library of the Edison Laboratory
by employees

from February 15th 1890
to

1890.

	Lehmann Mod Ph Pt 1	Engle	Feb 12	Mch 20.
	Lehmann Mod Ph Pt 2	Schulze - Berge	Feb 12	Mch 28
	Houston's Elec Dictionary	Feasenden	" 15	Mch 19
	Electrician XXIV 607	Thrige	" 15	Feb 24
	" XXIV 605	"	" 15	" 24
	" XXIV 609	"	" 15	" 24
	" XXIV 610	"	" 15	" 24
	Brothe Natural Philosophy	Deschler	" 19	Mch 20.
	The Engineer Vol LXIX 1797	Dorr	" 19	Mch 7
	Lubbock Pleas of Life Vol II	Deems	" 19	Feb 21
	Nat Hist of N. Y. part IV by Emmons	Mr S. Edison	Feb 20	Mch 12
	The Engineer XXIX 1778	Dorr	Feb 20	Mch 10
	Electrician XXIV 604	Thrige	Feb 20	" 24
	" XXIV 605	"	" 20	" 24
	" XXIV 606	"	" 20	" 24
	" XXIV 611	"	" 20	" 24
	Dibercourt Explaining an gas	Deschler	" 21	Mch 20
	India Rubber World Feb 15	Aylesworth	Feb 21	
JSH	Chem News vol 59 1889	Dorr	" 21	May 9
JSH	Engineer XLIX 1258	"	" 21	Mch 4
Self	Engineer LXIX 1780	Feasenden	" 22	Feb 25
"	Engineering XLIX 1257	"	" 22	Feb 25
	Electrician XXVI 634	"	" 22	Feb 25
"	Eng + Min Jour XLIX 7	"	" 22	Feb 25

1890	Sept Chem News LXI	1576	Fessenden	Feb 24	Feb 25
	Talmage - Path of Life		Deems	" 24	Apr 26
	Murdoch - Elect Mag Motors		Scholz	" 24	Mch 18
	Fleming Elect of Arts and		"	" 24	" 17
	Black Fabric & Fabler		Kennelly	" 25	
	Chem News LXI	1575	Dorr	" 26	Mch 24
	" " LXI	1576	"	" 26	Mch 24
	Am Inst El Eng VI	8-9	Thirge	" 28	Mch 24
	Elec Review XXVI	632		" 28	Mch 10
	"	633	"	" 28	Mch 10
	"	635	"	" 28	Mch 10
	"	636	"	" 28	Mch 10
	"	637	"	" 28	Mch 10
	"	638	"	" 28	Mch 10
	Eng Mech World of Science		Dorr	" 28	Mch 4
	Vol L	1298	"	" 28	" 4
To Hayes	Electrician XXIV	612	Thirge	" 28	Mch 4
For Kennelly	Shaffner Telegraph Manual		W J Dentz 3rd Wall St New York	Mar 1	
	Davies Geom & Trigonometry		Lehmann	" 3	June 30
Self	Eng mechy XLIX	1258	Fessenden	" 3	Mch 3
	Chem News LXI	1571	"	" 3	not
	" " LXI	1572	"	" 3	not
	" LXI	1573	"	" 3	not
	" LXI	1577	"	" 3	Apr 18
	Jour Chem Soc CCXXVII	Feb 1890	"	" 3	Apr 18
	Nieg Elect in Cent Stn	1-2	Lehmann	" 8	Feb 28 1891

1890	Forbes Lectures on Electricity	Wacher	Mch 11	Apl 21
	Ind Rubber & G. Journ 1887	Aylsworth	Mch 18	Ret
	Physical Measurements Kohlrausch	Harris	Mch 13	Apl 17th
	Jules Scientific Papers Vol 1	"	" 13	Sept 5th
	Invention XII 564	Fessenden	" 13	Mch 20th
	Experimental Science Hopkins	Wurr.	" 14	June 22
	Electrician XXIV 613	Thrige	" 15	March 22
	" XXIV 614	"	" 15	— 22
	" XXIV 615	"	" 15	— 22
	Elec Review XXVI 634	"	" 15	March 22
	" XXVI 639	"	" 15	" " 22
	" XXVI 640	"	" 15	Mch 24
	Compteurs d'Energie Electrique	"	" 15	Mch 24
	by Hospitalier	"	" 15	— 24
	Mueller Physik und Meteorologie	W H Mueller	" 15	Mch 19
	Band I	"	" 15	ret
	Engineer vol 49, 1880	Batchelor	" 15	ret
	India Rubber World Mch 15	Aylsworth	" 17	ret
	Meadowcroft A.B. of Electricity	Echols	" 17	Mch 24th
Ed	Fleming Elect Notes and	Kennelly	" 17	
	Murdock Notes on Elect Magnetism	Harris	" 18	Jul 28
	Invention XII 561	H. S. Read	Mch 18	ret
	" XII 562	"	" 18	ret
	" XII 563	"	" 18	ret
	Thorpe Dict of Chem vol 1	Fessenden	Mch 19th	Mch 20
	Slingo & Brooker El Eng	Kennelly	Mch 19th	June 9

1890	Applin of Phys Forces	W. Miller	Mch 19.	Oct 22
	The Edison Illum Co, Report 1888	J. Thrige	Mch 19	Mch 24 " 24
	Lehmann Mol Phys 1	Engle	Mch 20	May 12.
	Central Station Light by Hedges	Echols	Mch 21.	Apr. 17
	Cain, Symbolic Alg	Echols	Mch 21	" 17
	Maxwell Theory of Heat	Dorr	Mch 22	Aug 8
	Blair, Chem Anal of Iron	Fessenden	Mch 22	May 22
	Martin & Wetzler, El Motor	Thrige	Mch 22	Apl 1st
	Bernthsen, Org Chem	Fessenden	Mch 25	May 22
	Stockbridge Rocks, Soils			May 22
	Watts Dict, n. ed. 1 & 2			May 22
	Dana System of Mineral	Reed	Mch 26	May 16th
	Rees Complete Practical Machinist	W. Rees	" 18	Apr 22
	" Pattern Makers Assistant	H. S. Read	" 18	" 15th
	Lehmann Mol Phys 2	Schulze-Berge	Mch 28.	May 10th
	Telegraph Law Cases Atlantic & Pacific Tel Co against Western Union 2 vols	Eaton & Lewis in New York	Mch 28	
	Manual of Steam Boilers	Thrigge	Mar 29	Apl 3rd
	Rose Mech Solid Geometry Practical Chem Parts 1, 2, 3	Fessenden	Mar 31	May 2.
	Ivory Vol 1, 2			
	Star Atlas Proctor	Blair	Apl 5	
	Facts Worth Knowing Moore	Thrigge	" 5	Apl 3rd

1890

		1890	
Pernollet, Air Compr	Lacoste	April 11	Mch 3d
Newsap Receipts. Cook yd	Wm H. Reed	" 16	June 10th
Forbes Lectures on Electricity	J W Harris	" 21	May 26th
Hammond, El Light	Geo Washer	" 21	June 27th
Facts worth knowing	Elstell	" 28	July 26.
Hedges Central Stat Light	Col Morton	Apr 29th	
Niaudet, Batteries	Fred Devonald	Apr 30th	Dec 20
Elec. Journal & Elect Review Vol 9-58	J W Harris	May 1	June 20
Chem News vol 59	Dorr	May 9.	Ret.
Vose Railroad Engineering	Reed	May 16th	ret
Dana Syst Mineralogy	Reed	" "	ret
Lehmann Mol Physk.	Schulze - Berge	May 16th	June 28
Mégane & Boulard, Lum El	Jenks 44 Wall St. N. York	May 20th	June 18.
Celebrities of the Day Vol 11 pt 11	Wm Emerson	May 23rd	
Heat as a mode of motion Tyndall	Harris	" 27	Dec 5th
Pontiac's Pop List of Prices	Dickson	May 29.	
Fleming Alton Transform	Kennelly	May 29.	
Ayrton ~~Electry~~ Invert El	Thomson	May 30.	Dec 8
Carpenter Geogr Surveying	Lehmann	June 2	Sept 29.
Maps of N Carolina South Carolina Alabama Virginia Georgia Nova Scotia Quebec Ontario	Burns	June 3d	

Proctor, Star Papers	Lehmann	June 3d	Mch 12th	
Slingo & Brooker	Elector (Elector (for Rosenthal)	June 9th	July 26.	
Ecol. Mineralogy	Lehmann	June 9th	Mch 12th	
[illegible]	Magnus	June 17	July 12th	
Fastness of Kerosene Oil	S. Pond	" 11	July 28	
Pringle, Practical Mine Ecol	Dickson	June 16th		
Genot, Physics	Deschler	June 17th	not	
Hydraulic Manufacturing	Engle	June 20th	July 17.	
Conversion of Horizontal Work	Atwood	June 21st	[illegible]	
Prescott Electric & El Telgr	Thomson	June 23d	Dec 8.	
Cost of maps of Geol Survey of N. Jersey 1868	~~Steel~~ Read	June 23d	May 24th	
Technical Phys Meas	Lerr	" "	July 16	
Morse Tel Apparatus	Thompson	June 25th	June 28	
Wall Paper Making	Dylkowski	June 28th		
Wacht Catech of Relig	Dorr	June 28th	July 5	
Hopkins Exper Science	Harris	June 28th	Dec 4th	
Technol Quarterly (Jan 88)			July 22	
Bowen's Manual of Geology	Pagnic	July 1st	Nov 8.	
Gas Engines [illegible]	Atwood	July 2nd	Sept 2d	
Transmission of Power by Wire Rope	Atwood	July 4th	July 11th	
Telegraphic Journal & Elec. (Aug 25)	Harris	July 13	Dec 5th	
Kinematics of Machinery	Atwood	" 14	July 2[illegible]	
Fanot, Physics	Deschler	July 15th	July 1[illegible]	
Capron, Aurora	Washer	July 15th	" 30	

				Taken Out	Returned
	Map of N. Hampshire				Nov 27
	" " Vermont				
	" " Quebec				
	Geol of Canada 1863		S. G. Birn	July 21st	Nov 27
	Miner Resources of Ontario				Nov 27
	U. S. Geol Survey 1887				Nov 27
	Trans Am Inst Min Eng 7		Atwood	July 21.	July 29
	Dynamo Electric Machy		Read	" 24	Aug 18
Thurston	Friction & Lubrication		Room 1		Aug 4th
Weisbach	Mechanical Engineering				Aug 1st
Edwards	Ann Elec. Eng		Thomas		Aug 4th
Burlow	Kinematics of Machy				Aug 4th
Hugo & Brown	Electrical Engineering		Harris	July 26	July 29
	Dana Mineralogy		Engle	July 26	Oct 16
Cooper	Use of Belting		Thomas	July 30	Aug 4th
Jellet	Theory of Friction		"	" "	Aug 4th
Moncel	Incandescent El. Light		Read	" "	Jul 30
	Kennedy & Wilkinson, Practical Notes		Thompson	July 31st	Dec 8.
	Pitman Phonography		Harris	July 31st	Sept 5
	Weisbach, Mechanics of Engineering		Atwood	July 31	July 31
Fanot	Physics		Deschler	Aug 6th	Aug 8
	Southworth Highland St Map (N.J.)		Marinelli	Aug 11.	
	Map of Passaic Valley		Reed	Aug 11.	
	Bourne, Treatise on the Steam Eng		Blan	Aug 13	Sept 4
	U. S. Patents on Electric Light	Room 1884 & 1885	Atwood	July 16.	[illegible]

Things b Broker El Eng	H. Read	Aug 14th	Dec 5th
Pahl Transmission of power by wire rope	Ott	Aug 15th	Aug 20th
Fawcett Dynamo-Elect Mch	Barr & Murray	Aug 19.	Oct 10th
Richards Aluminium	Aylsworth		Nov 15th
Thompson Dyn Mach	Thompson	Aug 26th	Nov 8th
The Bell Telephone	Deschler	Aug 23 1885	Oct 15th
Kolbrausch Phys Meas	Blan	Sept 3d	Oct 5th
Sloane, Facts worth Know.	Thrige	Sept 4	Sept 26
Wilder, People I've met with	Payne ~~Wilder~~	Sept 6	Sept 20th
Allen Ore II and III	Platt	Sept 10	Oct 18
Rivot & Girbot II, 2			
Blair Chem Anal Iron	Platt	Sept 12	Oct 13
Box Pract Treat Heat.			Oct 13
Sanot Physics			Oct 13
Noad, Students Text book			Oct 13
Brannt Techno Chem			Oct 13
Rev Bardt			Oct 13
Crooks Select Methods	Reed	Sept 13th	May 9th
Atkinson El Light	Maguire	Sept 20	Feb 26th 91
Physics of the Ether Owston	Harris	Sept 22	Dec 5th
Poge Evolution of Incandescent Lamp	"	" 22	Dec 4th
Phil Mag. Sept 20	A. E. Kennelly	" 25	Ret
Jersey Geol map No 3	Lehmann	" 26	

Title of the Book	To whom given	Where given	Returned
Augers Geol of Ring	Deschler	Sept 26	Oct 27th
Electrician vol 24	Thrige	Sept 29.	Oct 27th.
Taylor, Sound	Atwood	Oct 4th	Jan 8th 91.
Watts Dict I	Aylsworth	Oct 4th	
Culley Telegraphy	Hamilton	Oct 6th	Nov 7th 1890
Elec. Jahrbuch 1888	Thrige	Oct 6th	Oct 27th
El Engineer 7	Harris	Oct 9th	Dec 5th
Kempe, El Testing	Hamilton	Oct 11.	
Thos Urwick rec'd vol 1-3	Platt	Oct 13	Nov 17
Geology of Jersey 1868	Marshall	Oct 13	Oct 18th
Brannt Techno Chem	Atwood	Oct 15	Mch 13th
Thorpe Applied Chem.	Aylsworth	Oct 23	
Regnault Chemistry vol 1 & 2	Barr & Murray	Oct 31st	Nov 11th
Geol Surv of N.J. 1888 vol 1	Reed	Oct 31st	Mch 17th
Jersey map No 4	Lehmann	Oct 31st	
Murphy Pract Wiring	Lehmann	Nov 8	Mch 12th 91.
Dana Geology	Lehmann	Nov 8	Dec 22
Dana Mineralogy	Lehmann	Nov 8	Dec 22
Thompson Dyn Mach	W. Miller	Nov 8.	Dec 30
Sloane, Facts w. Knowing	N. Cronin	Nov 14th	Nov 25
Elect. Cable of Elec	S. Koch	Nov 11th	Nov
Gordon School Elec	Read H	Nov 11th	June 5th

Watt, Electrodynamics	Wurth	Nov 11.	Jan 20th
Noad, Elect. Fluid Tests.	Sam Bagshaw	Nov 19th	Jan 30th
Maxim Apple of Elec	Read.	Nov 19th	ret
Richards Aluminum.	Reed	Nov 20th	May 9th
El Engineer 130, 131	Kennelly	Nov 20.	
Prescott Bell Teleph	Hamilton	Nov 20	
Tech work Swan	Jno Brown	Nov 25	Jan 15
Latimer Swan Light	B Koch	Nov 25.	Mch 21
Barr Analysis of Coal	Wangeman	Nov 28.	
Hopkins Exp Science	Harris	Dec 4th	May 16
Telegr Journ 24	Harris	Dec 4th	Jan 3
Ryan Dynamo Lang	Read	Dec 4th	Mch 21st
Telegr Journ 25	Harris	Dec 5th	Jan 3
Slingo & Brooker	Read	Dec 5th	Jan 7th
Joule Sci Pap I	Harris	Dec 5th	
Tyndall heat motion	Harris	Dec 5th	Jan 6th
Preston Phys of the Ether	Harris	Dec 5th	Returned
El Engineer vol 1	Harris	Dec 5th	Jan 5th
Agricola Min 1 51	Thompson	Dec 8th	April 21
Kennelly & Wilkinson	Schulz-Berge	Dec 5th	
Abernathy Telegraphy	Edison Mfg Co	Dec 12th	
Lockwood Telegraphy	(Mr Hamilton)	Dec 12th	
Gore Electrometallurgy	Parvo Atlantic	Dec 23	Mch 18.
Craig Rogers, Handpost	Singford	Dec 24	Jan 24th

1891.

Slingo & Brooker El Eng	Harris	Jan 7th	Mch 21st 91
Maxwell Sc. Papers I	Kennelly	Jan 8th	
Hagen El Beleuchtung	Rabenau	Jan 19th	Jan 30
Fresenius quant An	Aylsworth	Jan 19th	Mch 13th
Allen commerc Anal 2 vol	Aylsworth	Jan 19th	
Richter Org Chem	Harris	Jan 20th	Returned
Higgins, the Earth	Payne	Jan 23	May 21st
Nautic Almanac 1888	Reed	Jan 23	ret.
Kittler Elektrot I	Rabenau	Jan 30th	Feb 20.
Graham Elem of Chem	Nich Cronin	Febr 9th	
Hammond Elight	B Koch	Febr 16th	Apr 10th
Watkins Metallurgy	Payne	Febr 18th	May 21st
Spons Workshop Rec III	Payne	Feb 18th	May 21st
Gartenberg vol 1-3	Rabenau	Febr 20th	March 2
Ziegler 272	Schulz-Berge	Febr 23	Feb 24th
Krieg Centralstat	Rabenau	Mch 2	Mch 16.
Pomellet Pair compl.	Laurie	Mch 2	Mch 3
Murphy Pract Min	Lehmann	Mch 13th	
Rep of the Dir of the Mint	Lehmann	Mch 12th	
Liebig & Kopp Ann Rep I. 1847 To 1848	Aylsworth	Mch 13th	Apr 17/92
Pogg Ann 78 (1849)	Aylsworth	Mch 13th	Mch 14
Erdm Journ pr Chemie vol 49 (1850)	Aylsworth	Mch 13th	Mch 14

Watt's Dict (new ed) vol 2	Aylsworth	Mch 13th	
Chemistry Hall's Tables	Lehmann	Mch 14th	
Electric Motive Power	Payne	Mch 16th	
Hartlieb Ser vol 10-13	Rabenau	Mch 16th	Apr 6th
Walk's Dict, New Ed	Aylsworth	Mch 18th	
[illegible]	[illegible]	[illegible] 30th	
Prac Dyn Engineering	Wood	Mch 30th	Apr 15th
Blair, Chem Anal of Iron	Harris	Mch 28th	
Reman, Tinctorial	Harris	Mch 28th	
Ashe's Electricity	Harris	Mch 28th	
Ganot Physics	Harris	Mch 24th	
Salomons El Light & Acc.	Harris	Mch 25th	Apr 6th
Fontaine & Berry Electric	Payne	Mch 30th	
Carpenter Steam & Cables	Aylsworth	Mch 31st	
Hartlieb Ser vol 13-15	Rabenau	April 6th	
Du Moncel, Telephone	Shubert-Berge	April 7th	April 11th
May, N. Northcott Tables	Kayser	April 8th	
Foote, Value of El Light &	B. Hook	April 10th	Apl 11th
Crimson Electric Motor	Shubert-Berge	Apr 11th	June 15th
Ganot Physics	H. Read	Apr 21st	May 12th
Ganot Phys Elect			
Ganot Theor Mech	Shubert-Berge	Apr 22d	June 18th
Olney Geom & Trigon	Deshler	May 5th	May 15th
El World 1890, 2 vols	Read	May 5th	May 5th
El Engineer vol 8	Deshler	May 5th	May 12th

Barille, Electricité	Le Pontois	May 8th	May 29th
Hopkins Exp Science	Herb Read	May 14th	Aug 12/91
Guericke Exp Nova			May 26th
Wilson, Treat Elect			May 26th
Schweigger Journ 46.	Mr C. T. Martin	May 15th	May 26th
Nuovo Cimento 9/10			May 26th
Morse Telegr Appar			May 26th
Geol Rep of Michigan	Hamlin	May 17th	
N.J. Central Shell map	Burn	May 19th	
Patents of T.A. Edison	Aylsworth	May 19th	
Hoessler Perks 1.	Shubert-Berge	May 20th	June 8th
Booth & Morfit	Payne	May 21st	May 21st
Winschenkorff, Tel Journ.	Le Pontois	May 21st	June 21
Hampson Dynamo	Harris		Oct 31/91
Schontzer, Electr	Le Pontois	May 29	Feb 17/92
Hospitaliers, Compteurs	Le Pontois	June 1st	31 July
Olney Geometry (Day Book)	Deshler	June 4th	June 5th
Dynamo Techno Chem	Harris	June 9th	
Olney Geometry	Deshler	June 15th	June 15th
Lottier, Alloys	Atwood	June 17th	June 18th
Watt, Electrodynamics	Atwood	June 18th	June 21st
Application of Electricity	Le Pontois	June 24/91	[illegible]
Electric Engineer	Le Pontois	June 29th	June 29
Pocket map of Peruvia	R. Cartoline	June 27/91	
Hermage Mining Compute	H. Read	June 29/91	Aug 11

Electricity and Mag. Increased	L. Porter	July 6.	July 21.
Engineering -	L. Porter	July 21	OK
[illegible]	Walker	Aug 22	Aug 1st
Power of Gas Chemicals			
Patent 1891	Harris	May 27	July 27 -
Ins. Steam Boilers	Hammond	July —	
Patentness of Knock	Lehmann	[illegible]	
Alum substitute for Mat. Alum substitute for Mat.	Harris		
E. Co. Engineering Aug. Mag.	Dechler	Aug 3rd -	Sept 30-91
Mineralogy Microscopy	Agbarth		
[illegible]	[illegible]		Feb 14-92
[illegible]	Harris	Aug [illegible]	
[illegible]	"	[illegible]	Sept 4 91
[illegible]		Sept 1-91	
Attorneys & Mangy	Oswald	Sept 14-91	Oct 13/91
Elec. Engineering of Mangy	H. Read	Sept 30 91	
[illegible]	[illegible]	Oct 5th 91	
Steel Ore Tests & Bessemer	Lehman	Oct 8th	
Attorneys & Mangy	Brown No. 1	Oct 13th	Dec 19/91
Bills & Bills for Sub. Chart	Harris	Oct 13th	
Geological Central Station			
Electric Lighting	Guyford	Oct 13th	
[illegible]	Hobbs	Oct 11th	
Chemistry of Concrete by Thomson	H. Read	Oct 31st	Jan 30/92
Chemistry of Com.	Dechler	Oct 26/91	Feb 17/92
Building from Oliviers	Dechler	" "	" 17/92

Thomson Dynamo	A. E. Kennelly	Oct 31-91	
Experimental Science	H. S. Read	Nov-11-91	Jan 30/92
French Patent 1887	Porter	Nov - 91	May 19/92
Steam Air & Gas Engines by John Bonice	Geo. Lehman	Oct 8-91	
La Chaleur et le Froid	Porter	Oct - 91	OK.
Ericson Motor	H. E. Read.	Nov 23-91	Jan 31/92
Map of Nova Scotia	Lehmann	Dec - 18th	
Iron & Steel Metallurgy	Wurth	January 4 92	Jan 7th
Solomon & Light & Accumul.	"	" 6.	Feb 29/92
Tannine	"	"	" 29/92
Watt Plating	"	"	
[illegible]	H. Oldes	Jan 14 92	Jan 21
Tollhausen Trim & Sub Th.	Wurth	" 22.	
Gas Lock	"	"	Feb 21
Hist. & Geology of Coal Dakota	Harris	Feb 1	
Gas Coal Gas Lines, Desc.	Nickson	Jan 28	
Ins. & Steps & Rectangular Cyl.	H. H. Lowe	" 23	
Water & Co. Vol. 1-2-3-4.	H. H. Lowe	" 23	
Practical Chemistry	H. Vanneman	Feb 1	
Exp. Research Electroluminescence			
Map of Vermont			
" " New Hampshire	Burns	" 5	
" " Maine			
Tannin Leather Manufacture	Harris	" 18	
Electro Magnet	Thomson & Thompson	" 19	

			Date Delivered	Date Returned
Feb 27	Principles of Electr.	L. Thompson	Feb 27	
	Industrial Electricity			
	Engineering Climates			
	Ty Thompson	A. Barnes		
	Mecc. Principles			
	Experim. Experiments	Dickson	"	Feb 27 1892
	Workshop			
	Lang Electricity			
	Electricity Power		Dec 10	
Mch 10	Electric Motors			
	Dynamo Machine	Dickson	" 10	
April 20	Cooling Pot. Resis	Lustig L.	April 20	May 21
	Appl. of Pot. Forces	" "	" 22	Feb 23 92
	Wire Land Wires	" "	" 23	Aug. 1
May 4	Hartleben 1-3	" L.	May 4	May 5
" 19	Mayer & Pecce Telph. 2 vol.	" "	" 19	Aug 1.
	S P Thompson Dynamos	" "	Sept. 22	March 13 93
	J. Pack Accumulators	" "	"	Sept. 24.
	Manual of El. Batteries	" "	" 27	Octob. 7
Dec 1892	Dickson	6 Serays books		Dec. 27. 1892
	Hair	1st XI. Gmelin's Chemistry		to May 6th 1893
Dec 1892 28	Dickson	4 Serays books.		
		26 Serays books		
Dec 31. 1892	Dickson			
Jany. 1893	Dickson	Manual of Elec. Main		
S. Pechnyo	Gel	Precast Electric Power		
		Coins		

Taken			Returned	
Feb. 22. 92	Wirth	Practical Electricitact	Feb. 22	1893
" " "	"	Picou Math. Dyn. El.	April 16	1893
July 5	"	L'Electricien 2de Serie 3e Vol	July 13	1893
Sept. 16	"	Griffith Measures	Oct 10	1894
Feb 28-1894	Martin,	Alternate Machine Design	March	1st 1894
Dec 2nd/1894	Coote.	Lighting Protection (Bryan)	Jan. 3rd	1895.
"	"	Laboratory Teaching Chemistry (Constant & Cauldwell)	May 1st	1895.
Dec 22nd/1895	Aylesworth	Technology of Soap & Candles		

1890. Additions to the Library.

Oct 18. William Radam, Microbes and the Microbe Killer, N.Y. 1890 (present by the author)
Lamborn, Dragon Flies vs Mosquitoes N.Y, 1890 (Present by the author).

Oct 22. Century Dictionary Co
c. Century Dict 16.

Nov 6 v. Nostrand Co
c Maxwell Lieut Papers, 2 vols
ret Ostwald, Chemistry
ret Prescott, Telephone
ret Woodward Manual
ret Brannts Metal Worker
c Chemical Gazette 17 vols

Nov 20. v. Nostrand
ret Webster's unabridged Dictionary
ret A. Vaschy, Traité d' Electricité
ret Hilgard, Geol of Mississipi 1860
ret Williams Chemistry of Iron & Steel mak
c Jones, Asbestos, London 1890
c Puckermann, Index of Literat of Thermodyn

C Lockwood El Telegraphy N.Y. 1888
ret Culley, Pract Telegraphy
C Abernethy, Commerce & Railway (Rowland) 1887 Telegraphy
ret Pope, Modern Practice of the El Telegraph.
Dedicated Latimer, Incandescent El Lighting (Work Series)
C Streeker Fortschritte 1889 I.
C Montpellier, Installations

Dec 11. Century Dictionary C
C Century Dictionary 17.

Dec 12 van Nostrand
C Wilson, Business Dictionary N.Y. 1890.
C Smith Electro Chemical Analysis Phil 1890
C Lockyer Meteoritic Hypothesis London 1890
ret Borias, Gas
ret Uppenborn, Kalender.
ret Schwartze, Gasmaschinen.
ret Weber, Electrodynamik.
ret Beard, Digest of Decisions of Pat Off.
ret König, Chemie d. menschl Nahrungsmittel
ret Gerard Elektrotechnik.
ret Seal of Black Hills, Dakota (Newton & Jenney)

Dec 2 van Nostrand.
ret (1/12) Wurtz Dict 2d suppt pt 1, 2 & 3.
C Paris Salon.

Dec 29. J. A. Penman, 7 Warren St. N.Y.
C Practical El Engineering No. 1-3 & No. 10
C Practical Engineering No. 4.

Dec 30 Rose, Modern Machine Shop Practice, presented by the author. (2 vols).

1891
Jan 5th v. Nostrand.
C Church, Life of Ericsson. 2 vols. N.Y. 1890.
C Brevets d'Invention Vol 63 pts 142. Paris 1890.
C Clark Steam Engine 4 vols, London & N.Y. 1890.
C Pritchard, Manuf of Light Carbons. Lond 1890.
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Jan 15 Internat News Co. L596
Electrician 547, 548, 549, 550, 551, 552, 553, 554
Engl Mechanic 1180, 1226, 1283, 1285, 1306

Jan 24 Reports on the International Amer Conference two vols (Presented by Government, Wash.)

Jan 28. University of California.
Publications of the Lick Observatory vol 1, 1887.
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Febr 3d Century Dictionary Co.
Century Dict Part 18.

Febr 9th Electrical Review N. Y. 13 Park Row
vol 10 No. 2, 6, 7, 8, 11.
vol 13 No. 13
vol 14 No. 1.

Febr 9th Electrical Engineer N. Y. 150 Broadway
C No. 139 to 144.

Febr 11th Magnetic Observations at the U. S. Naval Observatory 1888 and 1889 by J. A. Hoogewerff. Wash 1890. Sent to the Library by Mr Insull (?)

Febr 14th Science, N. Y. C. Hodges Publisher, 47 Lafayette Pl. [N. Y.]
C 27 Numbers of Science.

Johnston Publishing Co.
C. 10 Back Numbers of "Electric World".

Inventive Age Publisher (Washington D. C.)
3 Numbers of Inventive Age. (Probably no charge)

The Electrical Engineer, 150 Broadway N. Y.
C. No. 62, 63, 64, 66, 69.

Mch 9th van Nostrand
C Mch 7th Wilson Business Dir (J. Ashworth)
Oct 9.3.91 Cole Practical Geology
C Mch 7th Roberts-Austen, Metallurgy
C Mch 7th Streeker Fortschritte vol 3 Pt 3.

van Nostrand
Bill for subscriptions, dated Mch 6th 1891
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Mining Journal	$ 9,00
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Eng & Mining Journ	4,00
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Beiblätter	5,25 — total 58,25

(uncertain whether El Review starts on Jan 1st or some other date).

See 199

Mch 14. Western Publishing Co.
vol Mch 17. Cyclopaedia of Michigan (N. Y & Detroit).

Geol ~~Survey~~ and Nat Hist Survey of Minnesota. 1889. (Probably Dedication by author)

Beiträge zum Problem des elektr. Fernsehens von Liesegang, Düsseldorf 1891 (Dedicat by author)

Mch 11 Century Co
Century Dictionary 19.

Mch 9th Lumière Electrique
C. 23 Back numbers (Scrap book 2, page 47)

Mch 27 Georges Carré, Paris
C { 2 numbers of Revue Internationale
43 numbers of L'Electricien } (See Scrap-book 2 page 73)

Invention

Apr 1st Internat News Co, N. Y.
Nature 16 Nos — 15 & 30 cts, 1 & 60 cts.
Engineering 12 Nos
Engineer 7 Nos } as per Scrap book 2 page 74

Apr 4th Lauthier-Villars, Paris
3 Nos of Comptes Rendus (Scrap book 2, 75)

Apr 9th. D. V. Penman, N. Y.
C. Practical Electrical Engineering pt 5 & 6.

Apr 4th Internal Mining
Engineering Nos 1100 to 1111 incl.

Apr 25th. Century Dict Co
C. part 20 of Century Dictionary

May 4th B. I. Gilman sends as a donation:
Journal of Am Ethnology, edited by
J Walter Fewkes, Vol 1.

May 20th v. Nostrand Co.
Atlas (Geol Survey of Michigan)
Accompanying Reports on Upper
Peninsula, 1869-1873. (N. Y, Julius Bien)

May 21st. v Nostrand.
C. Brevets d'invention 64 I, 64 II, 65
C. Wagner, Jahresbericht 36.
30.5. C. Todor, Verbrauchsmesser
C. Tommasi, Electrochimie
C. Index of Journ Franklin Inst 1826-85
C. Herring, Wiring Computer
Sent 29.5.91. E. v. Meyer History of Chemistry
Package for N. C. Tate.

June 2d International News Co
Engineering Nos. 978, 979, 987, 992

June 4th Titus Salter Emery
Inorganic Coal and Limestone (from the
author)
C. L. Buckingham.
Utilities for Mandamus. Argument of
Charles Buckingham and Edward Bradford
(from Heanlet).

June 4th van Nostrand
Geol Report Pennsylvania (2d Report 1874
and 1875, by Frazer; Harrisburg 1876 & 1877)
sent to Nostrand 12.6.91.
1. York and Adams Counties
2. Counties of York, Adams, Cumberland & Franklin
3. Adams, Franklin, Cumberland & Maps.
[Nos 1 & 2 were sent by Baird & Co, 810 Walnut Street
Philadelphia Pa]

June 6th van Nostrand
sent 12.6.91. Frazer Tables for determining minerals

June 15th Penman N. Y.
Practical Elec Engineering pt 7.
Feb 5/92 Map of Long Island.

Notice concerning Periodicals

Amer Economist, not on books
Electric Age, present by publisher
El Review N.Y., not on books
El World, expires Mch 1891.
El Engineer, expired Nov 1890
Elektrotech Zeitschrift, present by Elektrot Verein
Engineering & Ming Journ ?
India Rubber Journal
India Rubber World
Industries, expires Sept 1891.
Invention, expired Aug 1890
Inventive Age, expired Febr 9th 1890
Practical Electricity, No bill
Safety Valve, No bill
Science, ex Dec 25, 1890.
Railway Telegrapher, No bill.
Electr Industries, No bill
Manuf Record, exp. Febr 22, 1891.
Western Electrician, No bill.
Proceedings of Naval Inst, Dues paid for 1890.

Mr Edison is a regular member of
Am Inst El Engineers
Am Inst Mining Eng
Am Assoc Advancement of Science
New York Academy of Science
Inst El Engineers (London)

To the Am Soc of Mech Engineers nothing has been paid since Apl 1888, at that time paid $4,00 for Library Subscription 1886-87.

Mr Edison is an Honorary Member of the Elektrotechnische Verein in Berlin.

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(See page 106)

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C Subscription to El World from Mch 18 91 - 92
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S.13

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